

CLAIMS

What is claimed is:

1. An optical disc, for information recording and/or reproduction using light, having a center hole, the optical disc comprising at least one sheet attached and surrounding the center hole to prevent generation and development of cracks near the center hole.
2. The optical disc of claim 1, wherein the sheet has an annular shape.
3. The optical disc of claim 1, wherein the disc is divided into a clamping area adjacent to the center hole, a data area in which data is recorded, and a lead-in area between the clamping area and the data area, wherein the at least one sheet is attached to the clamping area.
4. The optical disc of claim 3, wherein the clamping area is recessed such that a surface of the sheet attached to the clamping area is leveled with or lower than a surface of the lead-in area.
5. The optical disc of claim 3, wherein the sheet has an annular shape.
6. The optical disc of claim 1, wherein the sheet is of paper or other frictional flexible materials.
7. The optical disc of claim 3, wherein the sheet is attached to the clamping area using an adhesive or a double-sided tape.
8. The optical disc of claim 3, wherein the clamping area is recessed by a depth equal to or greater than a thickness of the sheet.
9. The optical disc of claim 1, wherein the sheet does not protrude above a top surface of the optical disc.

10. The optical disc of claim 8, wherein the sheet does not protrude above a top surface of the optical disc.

11. An optical disc comprising a material attached and surrounding a center hole of the optical disc, preventing generation and development of cracks near the center hole.

12. The optical disc of claim 11, wherein the material has an annular shape.

13. The optical disc of claim 11, wherein the disc is divided into a clamping area adjacent to the center hole, a data area in which data is recorded, and a lead-in area between the clamping area and the data area, wherein the material is attached to the clamping area.

14. The optical disc of claim 13, wherein the clamping area is recessed such that a surface of the material attached to the clamping area is leveled with or lower than a surface of the lead-in area.

15. The optical disc of claim 13, wherein the material has an annular shape.

16. The optical disc of claim 11, wherein the material is paper or other frictional flexible materials.

17. The optical disc of claim 13, wherein the material is attached to the clamping area using an adhesive or a double-sided tape.

18. The optical disc of claim 13, wherein the clamping area is recessed by a depth equal to or greater than a thickness of the material.

19. The optical disc of claim 11, wherein the material does not protrude above a top surface of the optical disc.

20. The optical disc of claim 18, wherein the material does not protrude above a top surface of the optical disc.